

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015523.D
 Acq On : 15 Apr 2020 21:02
 Operator : SY/MD
 Sample : L2274-24
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	106770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28327	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	26284	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.12	63	41163	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.91	46	73591	44.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.46%
24) Chloroform-d	4.38	84	56874	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	32803	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	114618	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	35423	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	104359	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.65	79	13602	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.11	63	58097	37.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22932	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	37344	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

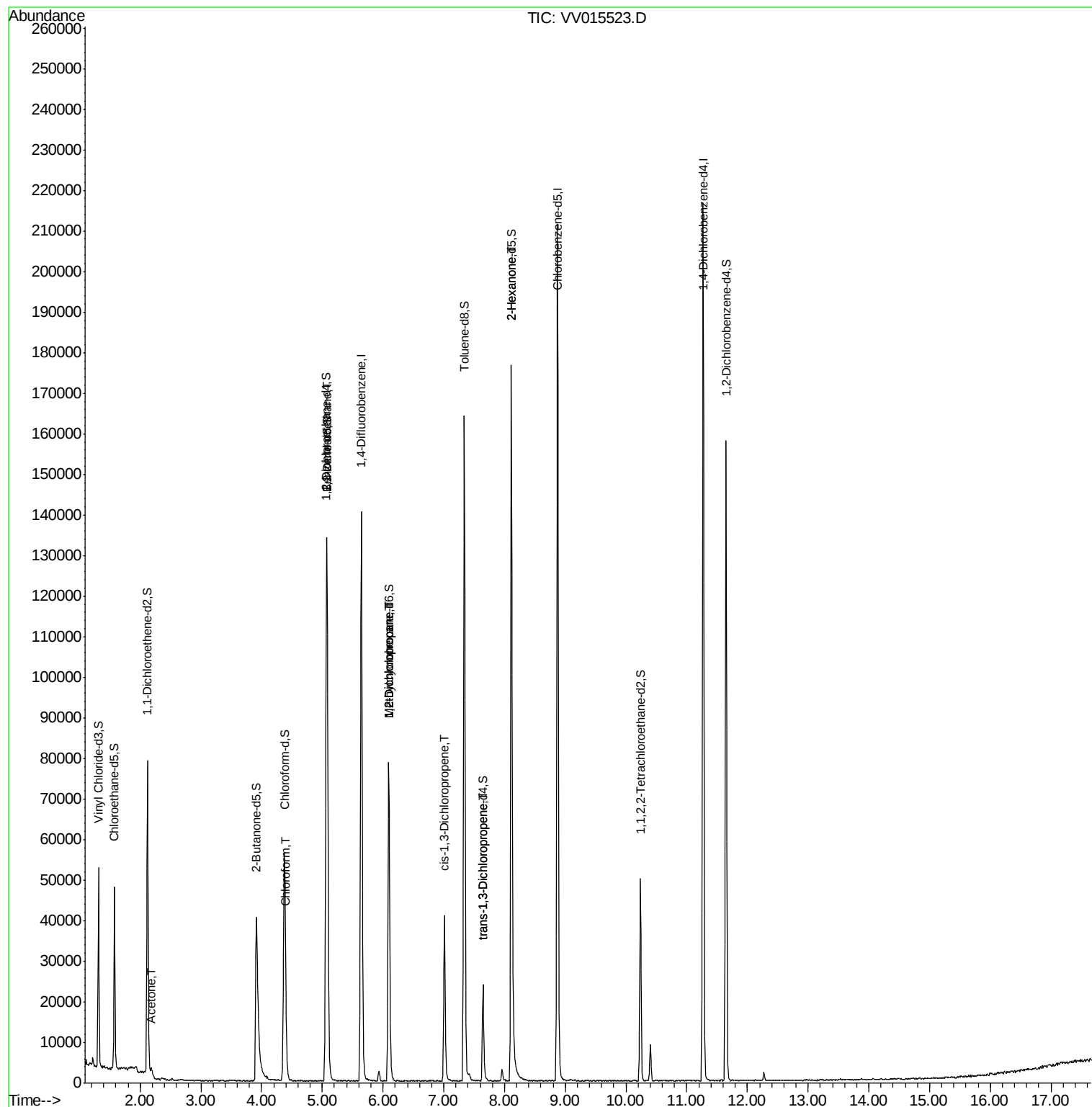
					Ovalue
13) Acetone	2.19	43	3037	2.584 ug/L #	69
25) Chloroform	4.41	83	2088	0.134 ug/L	97
27) 1,2-Dichloroethane	5.07	62	934	0.093 ug/L #	77
35) Methylcyclohexane	6.10	83	8702	0.600 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	4411	0.557 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1101	0.091 ug/L #	44
44) trans-1,3-Dichloropropene	7.65	75	735	0.071 ug/L	91
48) 2-Hexanone	8.11	43	9931	2.731 ug/L #	76

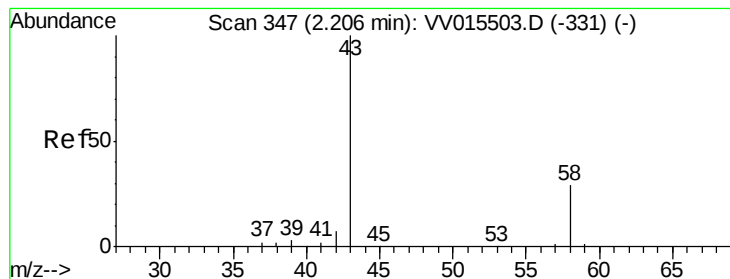
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.584 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV015523.D

Acq: 15 Apr 2020 21:02

Instrument :

MSVOA_V

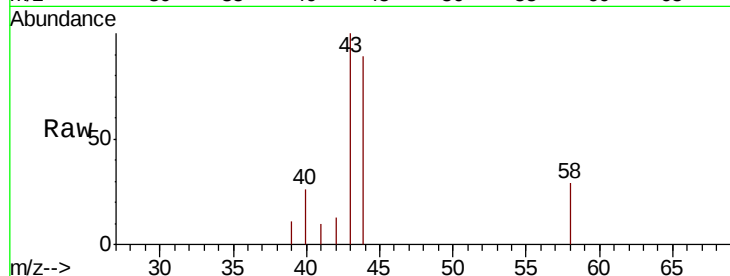
ClientSampleId :

Tot Ion: 43 Resp: 3037

Ion Ratio Lower Upper

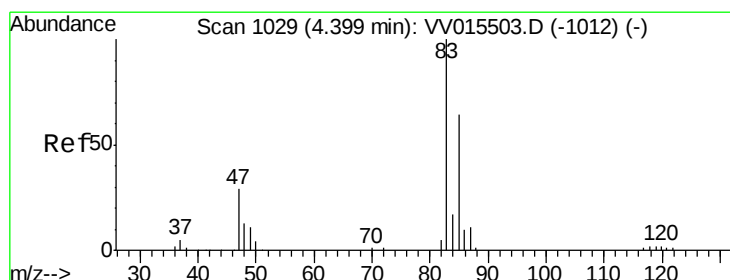
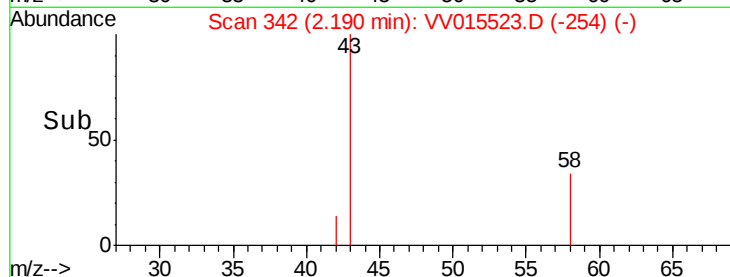
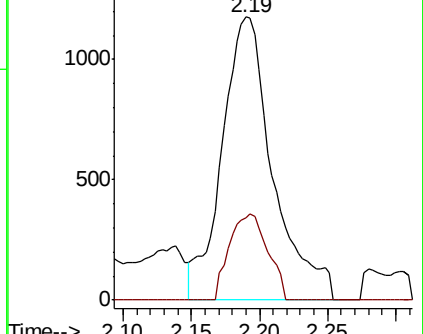
43 100

58 23.0 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.134 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015523.D

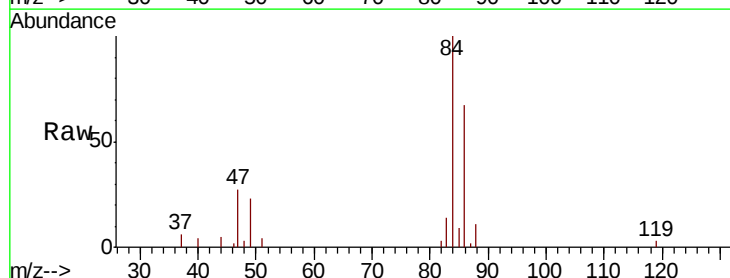
Acq: 15 Apr 2020 21:02

Tgt Ion: 83 Resp: 2088

Ion Ratio Lower Upper

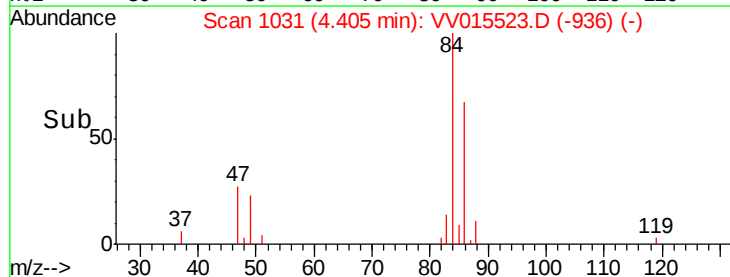
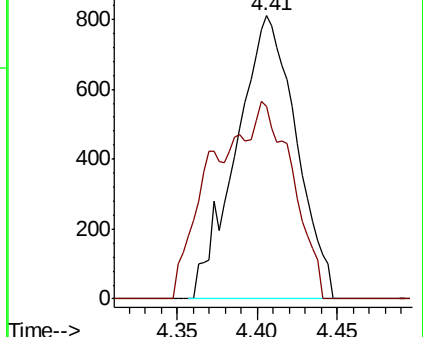
83 100

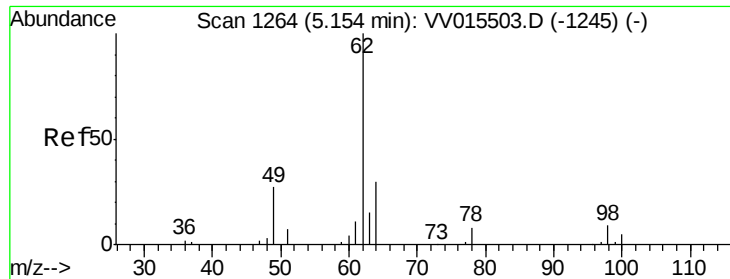
85 68.1 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

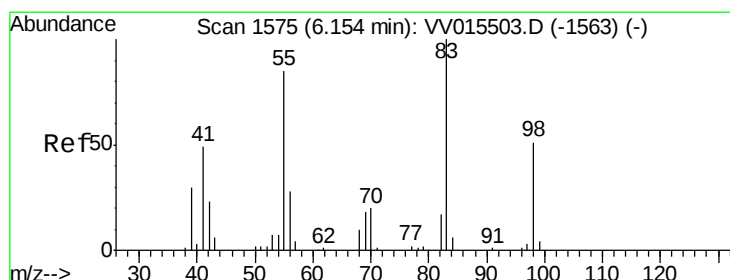
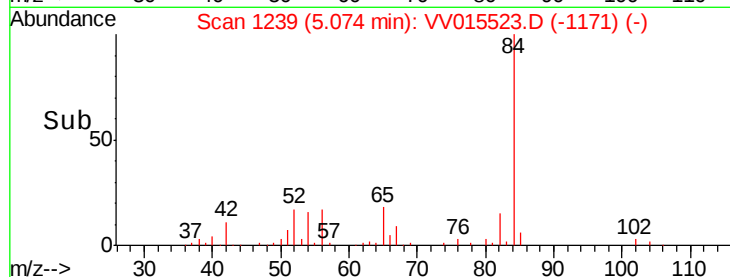
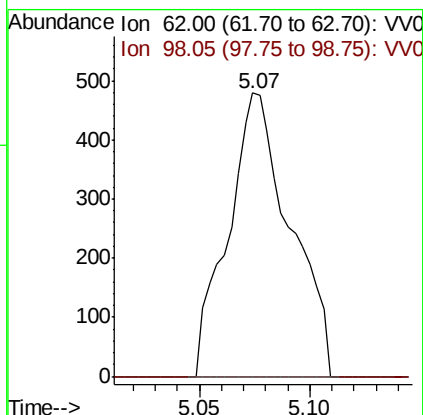
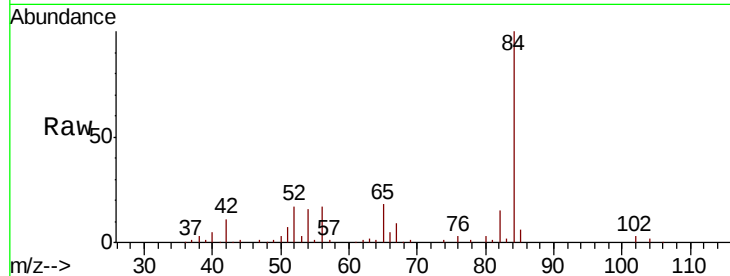




#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015523.D
 Acq: 15 Apr 2020 21:02

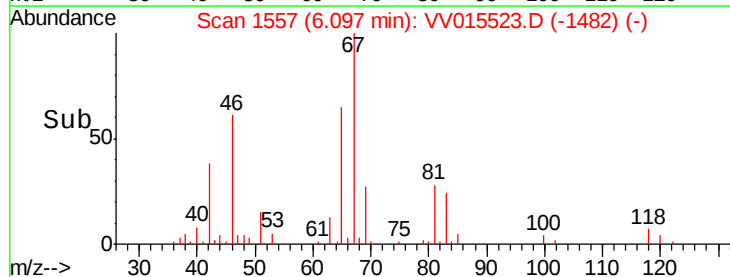
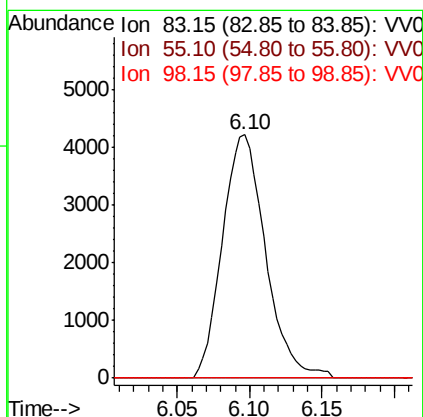
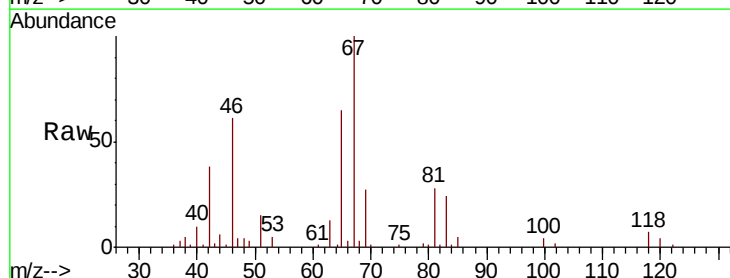
Instrument :
 MSVOA_V
 ClientSampled :

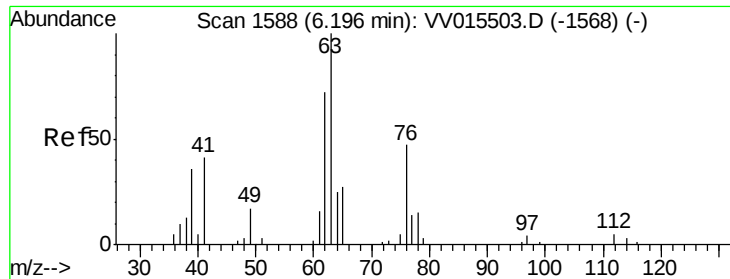
Tot Ion: 62 Resp: 934
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.600 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015523.D
 Acq: 15 Apr 2020 21:02

Tgt Ion: 83 Resp: 8702
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 6.8 38.7 58.1#

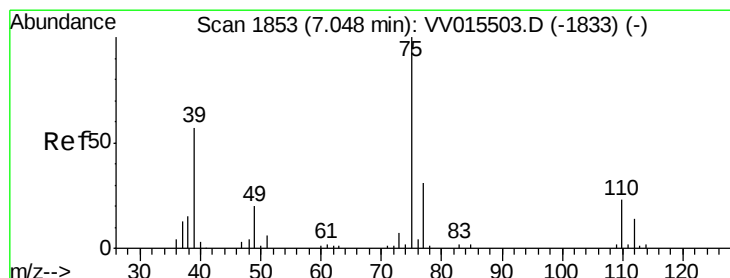
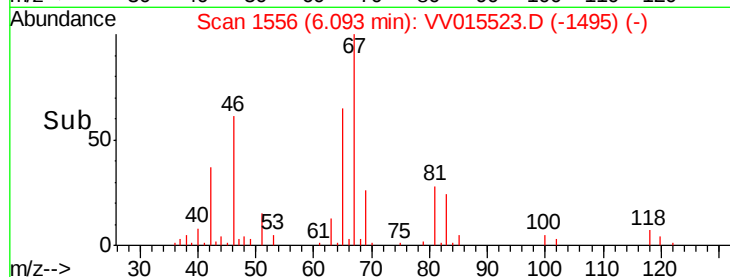
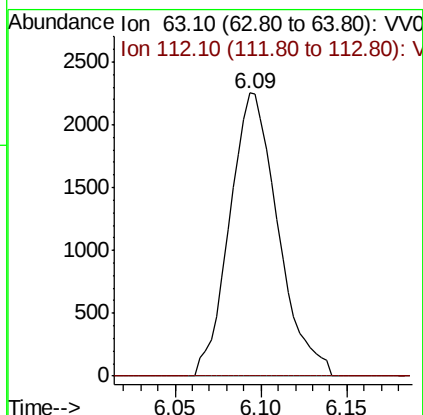
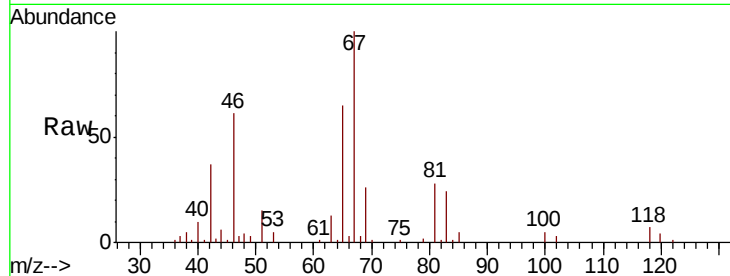




#37
 1,2-Dichloropropane
 Concen: 0.557 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015523.D
 Acq: 15 Apr 2020 21:02

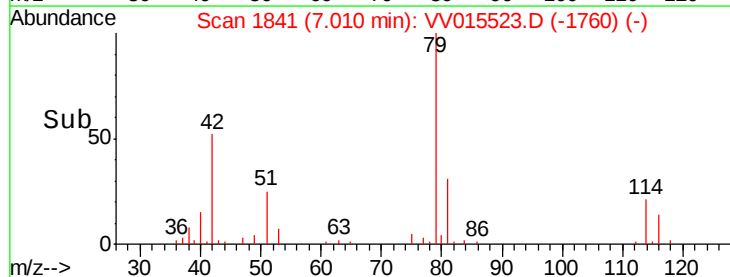
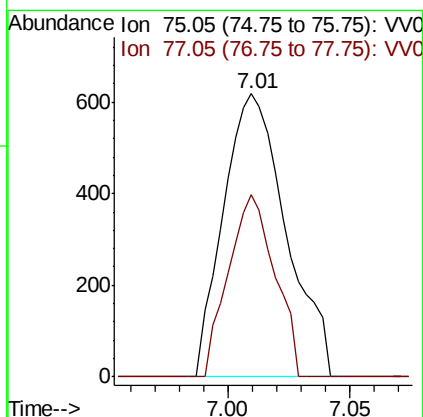
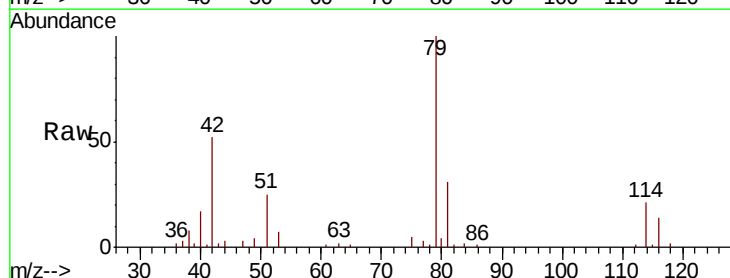
Instrument :
 MSVOA_V
 ClientSampleId :

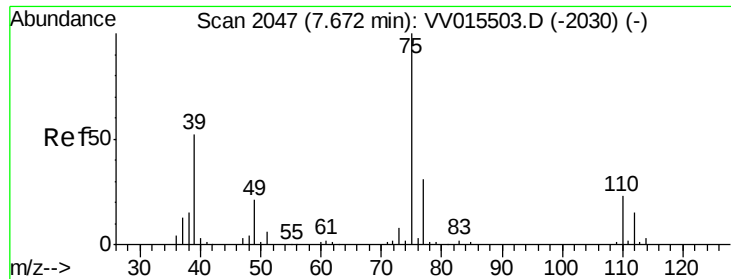
Tot Ion: 63 Resp: 4411
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015523.D
 Acq: 15 Apr 2020 21:02

Tgt Ion: 75 Resp: 1101
 Ion Ratio Lower Upper
 75 100
 77 64.6 23.0 42.6#

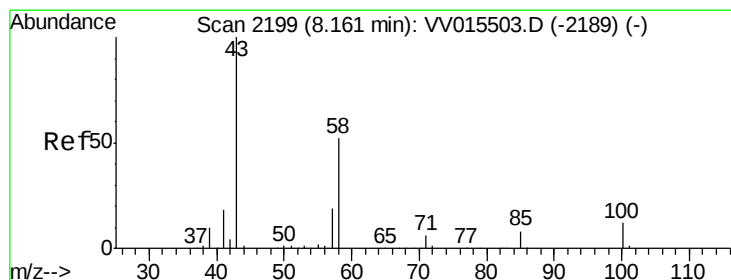
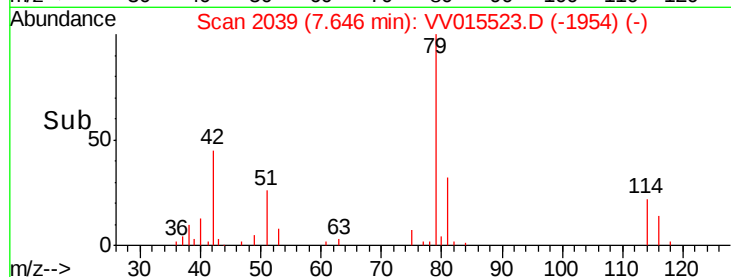
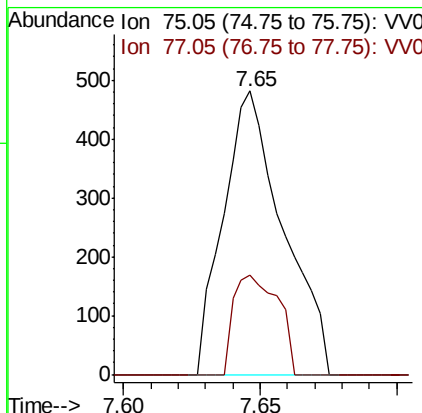
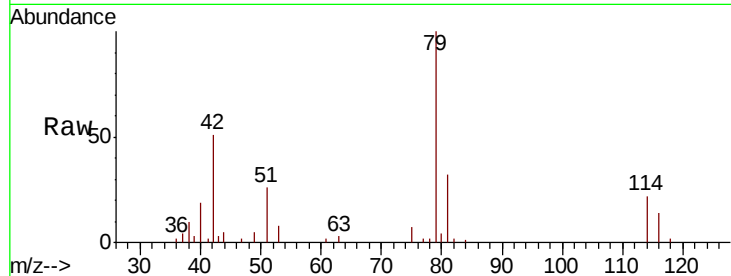




#44
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015523.D
Acq: 15 Apr 2020 21:02

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 735
Ion Ratio Lower Upper
75 100
77 35.1 21.0 39.0



#48
2-Hexanone
Concen: 2.731 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015523.D
Acq: 15 Apr 2020 21:02

Tgt Ion: 43 Resp: 9931
Ion Ratio Lower Upper
43 100
58 30.7 41.4 62.0#
57 19.5 15.0 22.4
100 0.0 9.4 14.2#

